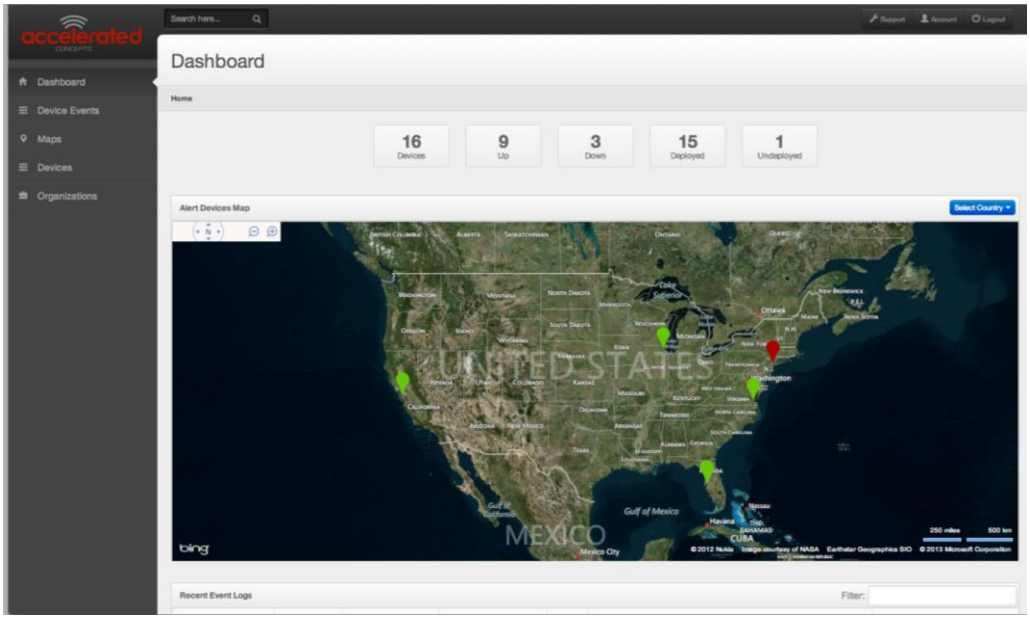
Accelerated View



Users Guide

May 28, 2013

Version 1.0

www.acceleratedconcepts.com

Preface

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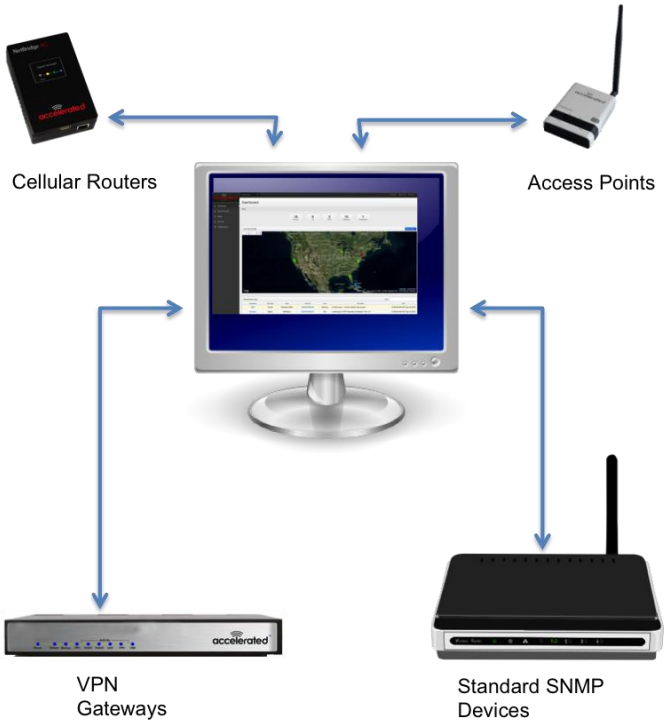
Introduction

Our sophisticated, but intuitive cloud-based portal, Accelerated View™ monitors remote wireless data network devices across Tier 1 carriers and service providers. In today's environment the configuration, installation, and central management of complex distributed networks is a challenge for businesses. The challenge increases for businesses with multiple locations, which now may span multiple time zones and countries. To complicate matters further many locations may not have any support staff on-site.

Accelerated View™ provides a company with one system to monitor and remotely control AT&T VPN Gateways, Accelerated NetReach™ Wi-Fi Extenders, and NetBridge Cellular Routers. The system has a powerful user interface that allows sorting and searching in order to improve productivity and identify problem patterns. In addition to standard reports, online views can be exported to create ad hoc reports. Data is provided on over 50 items regarding the availability, performance, configuration and location of your devices. Remote devices can be configured by groups or individually, and the firmware easily updated from a central operations center. Based on user criteria the portal can also send real-time alerts to defined e-mail addresses or SMS.



Our Accelerated View software also allows for the automatic inventory control of wireless data devices. In addition, the system's mapping function provides a visual picture of a customer's network status.

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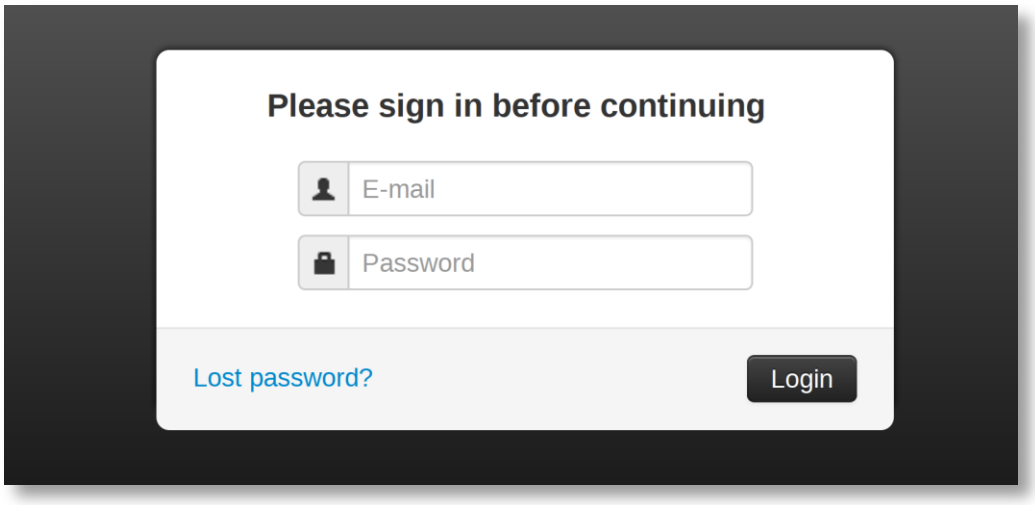
Accelerated View™

Accelerated View™ is a cloud-based portal that can be used to manage your AT&T VPN Gateways, Accelerated Concepts NetReach™, and NetBridge devices, and any other pre-designated SNMP device. When your company subscribes to our portal services, an account is set up on your behalf. Once the account is set up you will receive an initial password to log in to the portal. Your username will be your e-mail address. To sign in to Accelerated View™ go to the anms.accns.com URL. This will take you to the main Login page.

Login Page

Enter your email and password and click the Login button. There is a password-reset function located below the login form if you have forgotten your password.

Login credentials are assigned, authorized and authenticated by your account representative. Please contact your representative to obtain them.



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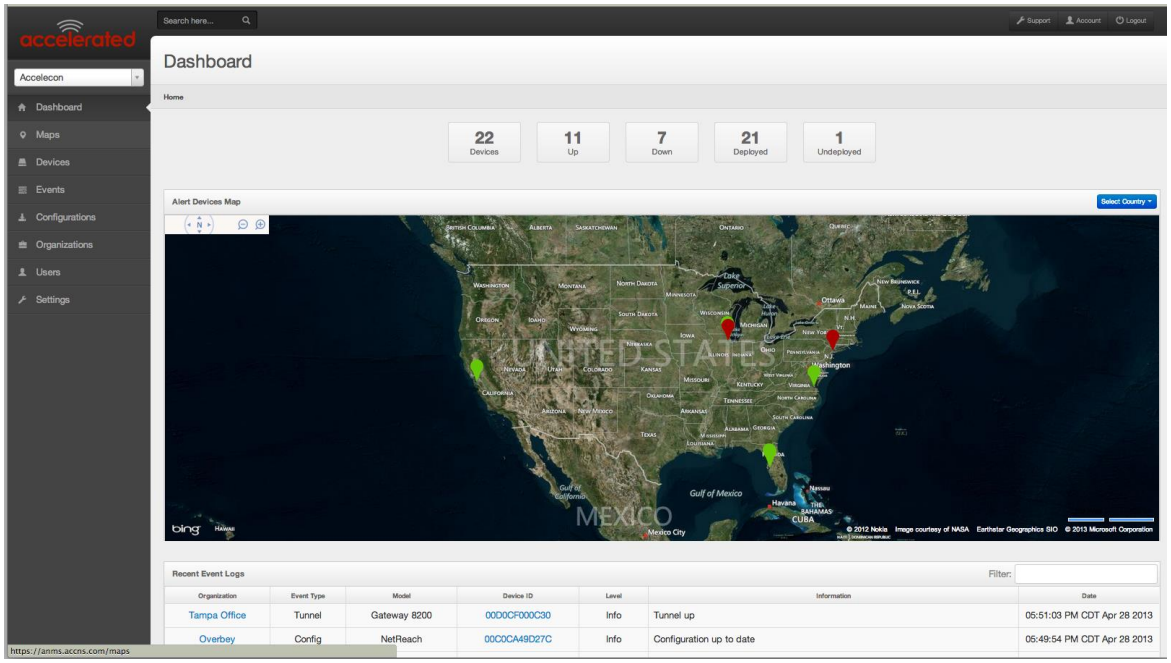
Once you have signed in you will be taken to the main **Dashboard** monitoring page. The dashboard page has a menu on the left side with the following headings:



- **Dashboard**: Shows a real time list of device events for an organization. The display includes a map of sites within your organization. Devices in Alert status will be indicated by error colors (Red/Orange/Yellow). There is also a tabular list at the bottom of the page with the most recent event on top.

- **Maps**: Displays the graphical view of monitored devices on a world map. The maps allow you to drill down on specific units and their error conditions. When global devices are being managed, a specific country or region can be selected.

- **Devices**: Displays the status of any monitored devices. This menu item displays a drop-down that lets you specify which type of device to be displayed, or you can display all devices belonging to the current organization.

- **Events**: Displays the real-time status of all devices in the current organization. This is a tabular display with the most recent event first. Devices in alert status will be displayed in highlighted colors indicating the severity of the error.

- **Configurations:** Displays the device configurations available to the current organization. This menu item displays a drop-down that lets you specify which type of device configuration to display. Once selected all configurations are presented in a tabular form. With the appropriate approval level you can edit any configuration, or create new ones.

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- **Organizations:** Displays the organizations available to a user. An organization is simply a container that is used to associate devices, configurations, users, and other (child) organizations.
- **Users:** Displays all users that are associated with this organization and the child organizations below it. The table will display the users, their e-mail (Login) ids, and their level of authority.
- **Settings:** Displays the organization's setting for the current user.

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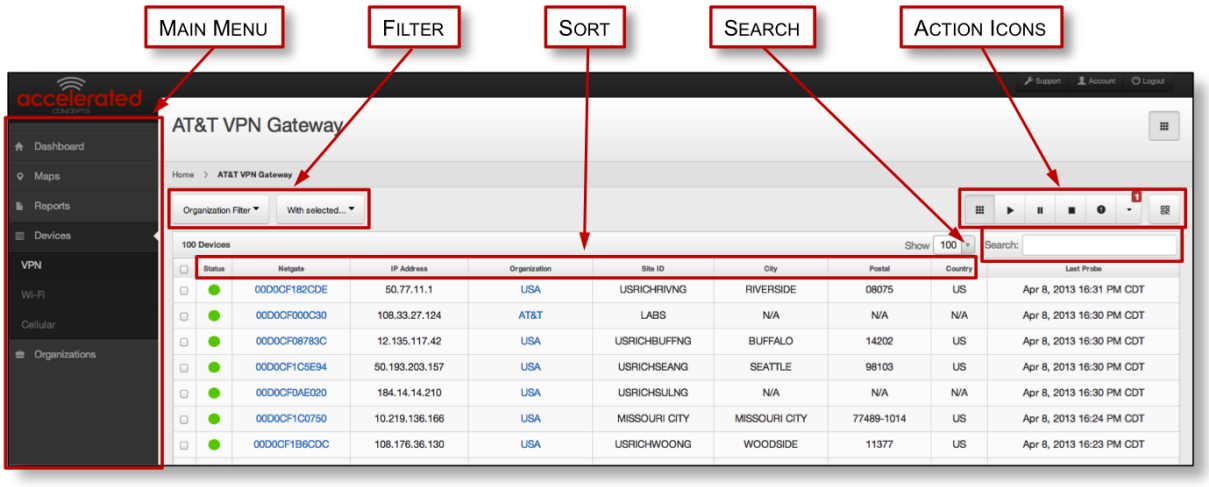
Graphical User Interface

The layout of the User Interface for a majority of the panels you will encounter is very similar, with easily located action panels. On the left of the panel is the main menu for selecting which device status page you wish to work with. Several of the items have sub-menus that allow you to further narrow the selection.



The **Filter** section is to the right of the menu and above the data display. This section changes based on the type of detail being displayed, but will allow you to filter only the devices you wish to see. The items that can be filtered are provided in drop-down menus from which you can select those appropriate to you.

At the far right of the panel are the **Action Icons**. Each icon lets you perform a specific action for the display or device. The meaning of each icon is displayed when the cursor hovers over it. The action icons are specific to the panel being displayed.

The **Sort** section is located above each column of a device display. You may sort any field marked as sortable. The table will be sorted in ascending order when clicked on the first time. Clicking on the item again will sort in descending order.

At the far right below the action icons is the **Search** box. This will allow you to search the current table for any device value you chose.

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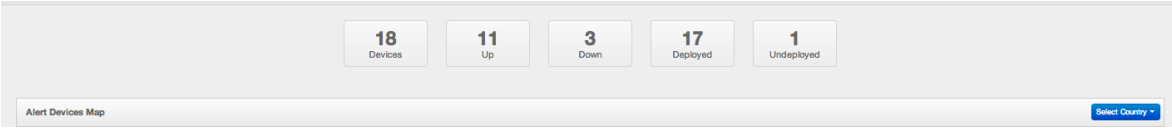
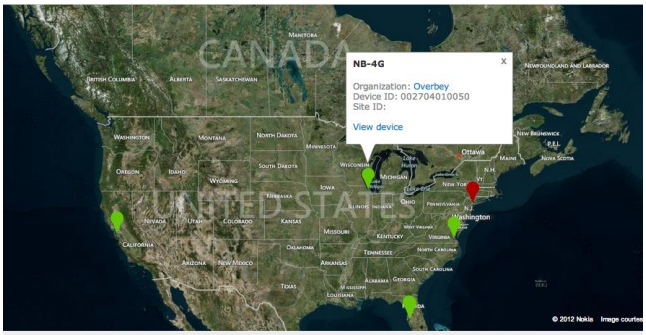
Dashboard

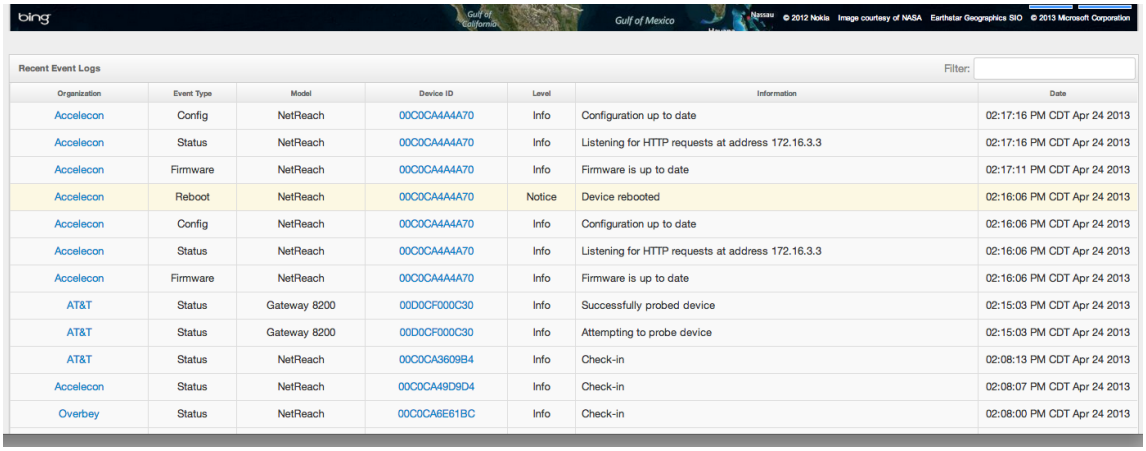
The Accelerated View™ Dashboard is a single panel that displays all critical information about the devices under a user's scope of control. The top of the dashboard displays the number of devices managed and the number of devices in each alert state.



The status of the various devices is displayed visually on a map of the organization's home country. The maps can be zoomed in and out to display finer levels of granularity all the way to a single site. Detailed information on a particular site can be obtained by clicking on the status indicator display. This will display an information bubble with the device type, site ID, and device information. Clicking on **View Device** will then take you to the detailed device display.



The bottom section of the Dashboard is the current device events for your devices. The table is a scrolling real-time monitor of the devices. The format of the list is described in the **Device Events** section below. The major components of the device information can be selected by clicking on the displayed field. You will then be taken to the panel for that item.


bing
Gulf of Mexico
© 2012 Nokia Image courtesy of NASA Earthstar Geographics SIO © 2013 Microsoft Corporation
Recent Event Logs
Filter:

Organization	Event Type	Model	Device ID	Level	Information	Date
Accelecon	Config	NetReach	00C0CA4A4A70	Info	Configuration up to date	02:17:16 PM CDT Apr 24 2013
Accelecon	Status	NetReach	00C0CA4A4A70	Info	Listening for HTTP requests at address 172.16.3.3	02:17:16 PM CDT Apr 24 2013
Accelecon	Firmware	NetReach	00C0CA4A4A70	Info	Firmware is up to date	02:17:11 PM CDT Apr 24 2013
Accelecon	Reboot	NetReach	00C0CA4A4A70	Notice	Device rebooted	02:16:06 PM CDT Apr 24 2013
Accelecon	Config	NetReach	00C0CA4A4A70	Info	Configuration up to date	02:16:06 PM CDT Apr 24 2013
Accelecon	Status	NetReach	00C0CA4A4A70	Info	Listening for HTTP requests at address 172.16.3.3	02:16:06 PM CDT Apr 24 2013
Accelecon	Firmware	NetReach	00C0CA4A4A70	Info	Firmware is up to date	02:16:06 PM CDT Apr 24 2013
AT&T	Status	Gateway 8200	00D0CF000C30	Info	Successfully probed device	02:15:03 PM CDT Apr 24 2013
AT&T	Status	Gateway 8200	00D0CF000C30	Info	Attempting to probe device	02:15:03 PM CDT Apr 24 2013
AT&T	Status	NetReach	00C0CA3609B4	Info	Check-in	02:08:13 PM CDT Apr 24 2013
Accelecon	Status	NetReach	00C0CA49D9D4	Info	Check-in	02:08:07 PM CDT Apr 24 2013
Overbey	Status	NetReach	00C0CA6E61BC	Info	Check-in	02:08:00 PM CDT Apr 24 2013

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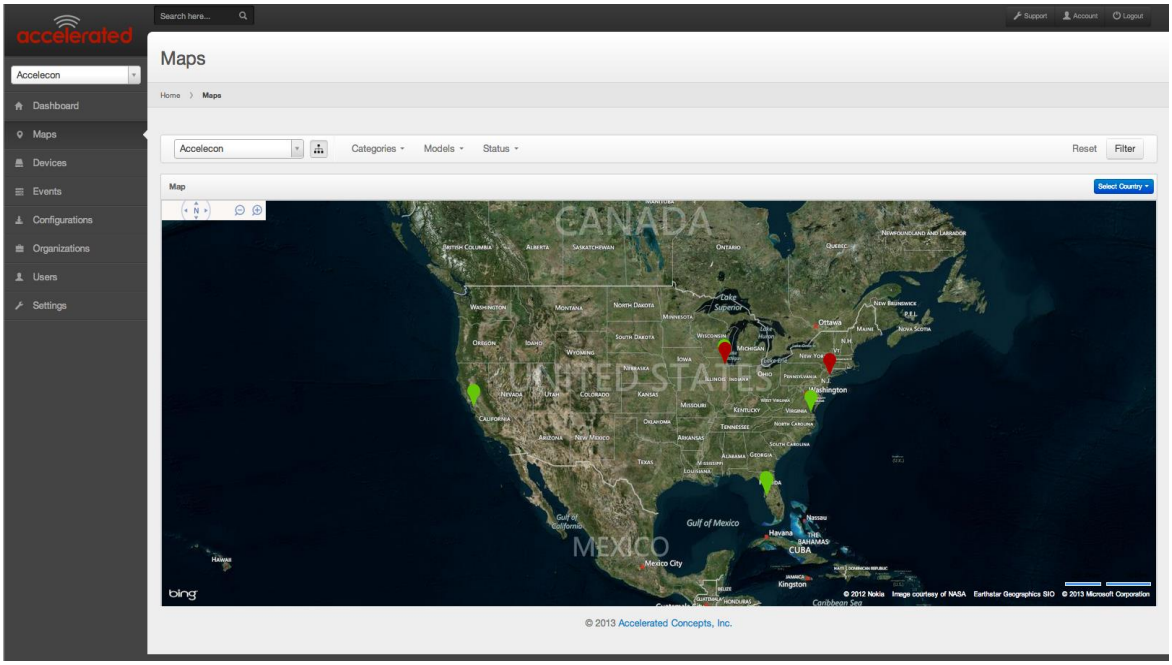
Maps

The **Map** panel displays the status of the various devices visually on a map of the organization's home country. The maps can be zoomed in and out to display finer levels of granularity all the way to a single site. The map can be filtered by organization, device category, device type, status, and country/region. When a category is selected it will prepopulate the devices under that category. Changes can be made to any filter criteria before filtering the map.



Once the desired devices are displayed you may get more detailed information on a particular site by clicking on the status indicator display. This will display an information bubble with the device type, site ID, and device information.

Clicking on **View Device** will then take you to the detailed device display.

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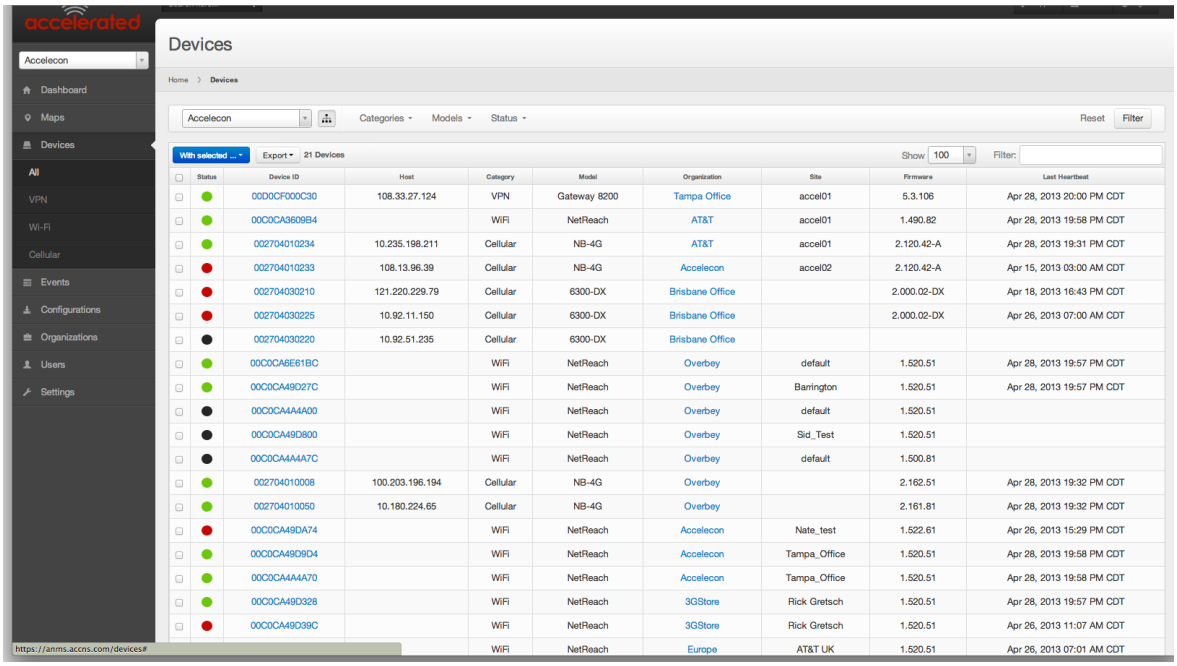
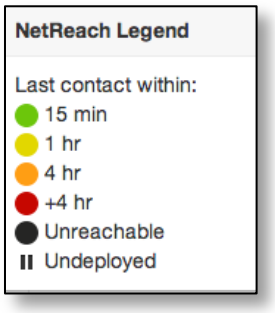
Devices

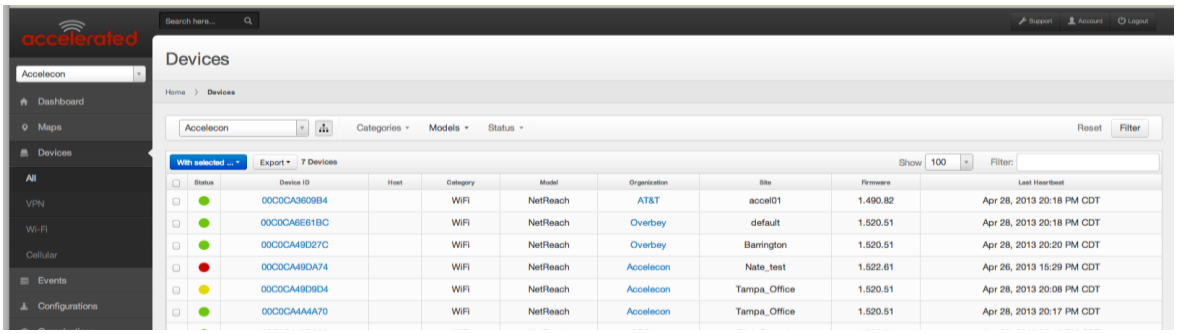
The **Devices** panel allows you to display the current status of all devices managed by your organization. The drop-down sub-menu also allows for the selection of only a certain category of devices (VPN, Wi-Fi, Cellular).


accelerated
Devices
Accelecon
Dashboard
Maps
Devices
All
VPN
Wi-Fi
Cellular
Events
Configurations
Organizations
Users
Settings
Home › Devices
Categories
Models
Status
Reset
Filter
With selected ...
Export
21 Devices
Show 100
Filter:
Status
Device ID
Host
Category
Model
Organization
Site
Firmware
Last Heartbeat
00D0CF000C30 108.33.27.124 VPN Gateway 8200 Tampa Office accel01 5.3.106 Apr 28, 2013 20:00 PM CDT
00C0CA3609B4 WiFi NetReach AT&T accel01 1.490.82 Apr 28, 2013 19:58 PM CDT
002704010234 10.235.198.211 Cellular NB-4G AT&T accel01 2.120.42-A Apr 28, 2013 19:31 PM CDT
002704010233 108.13.96.39 Cellular NB-4G Accelecon accel02 2.120.42-A Apr 15, 2013 03:00 AM CDT
002704030210 121.220.229.79 Cellular 6300-DX Brisbane Office 2.000.02-DX Apr 18, 2013 16:43 PM CDT
002704030225 10.92.11.150 Cellular 6300-DX Brisbane Office 2.000.02-DX Apr 26, 2013 07:00 AM CDT
002704030220 10.92.51.235 Cellular 6300-DX Brisbane Office
00C0CA6E61BC WiFi NetReach Overbey default 1.520.51 Apr 28, 2013 19:57 PM CDT
00C0CA49D27C WiFi NetReach Overbey Barrington 1.520.51 Apr 28, 2013 19:57 PM CDT
00C0CA4A4A00 WiFi NetReach Overbey default 1.520.51
00C0CA49D800 WiFi NetReach Overbey Sid_Test 1.520.51
00C0CA4A4A7C WiFi NetReach Overbey default 1.500.81
002704010008 100.203.196.194 Cellular NB-4G Overbey 2.162.51 Apr 28, 2013 19:32 PM CDT
002704010050 10.180.224.65 Cellular NB-4G Overbey 2.161.81 Apr 28, 2013 19:32 PM CDT
00C0CA49DA74 WiFi NetReach Accelecon Nate_test 1.522.61 Apr 26, 2013 15:29 PM CDT
00C0CA49D9D4 WiFi NetReach Accelecon Tampa_Office 1.520.51 Apr 28, 2013 19:58 PM CDT
00C0CA4A4A70 WiFi NetReach Accelecon Tampa_Office 1.520.51 Apr 28, 2013 19:58 PM CDT
00C0CA49D328 WiFi NetReach 3GStore Rick Gretsch 1.520.51 Apr 28, 2013 19:57 PM CDT
00C0CA49D39C WiFi NetReach 3GStore Rick Gretsch 1.520.51 Apr 26, 2013 11:07 AM CDT
WiFi NetReach Europe AT&T UK 1.520.51 Apr 26, 2013 07:01 AM CDT
https://anms.accns.com/devices#

Once displayed, you will see a tabular panel of the devices and their current status. The status displayed is a color-coded indicator.



The **Device** panel allows you to filter the results so that only the relevant devices are shown. You can select the organization that should be displayed and then further narrow that down. The filters available are device category (VPN, Wi-Fi, Cellular), unique device types, and alert status. Once the desired device filters are selected you simply need to select the filter button on the right side of the panel to update the display. The example below shows only Wi-Fi devices in active status.



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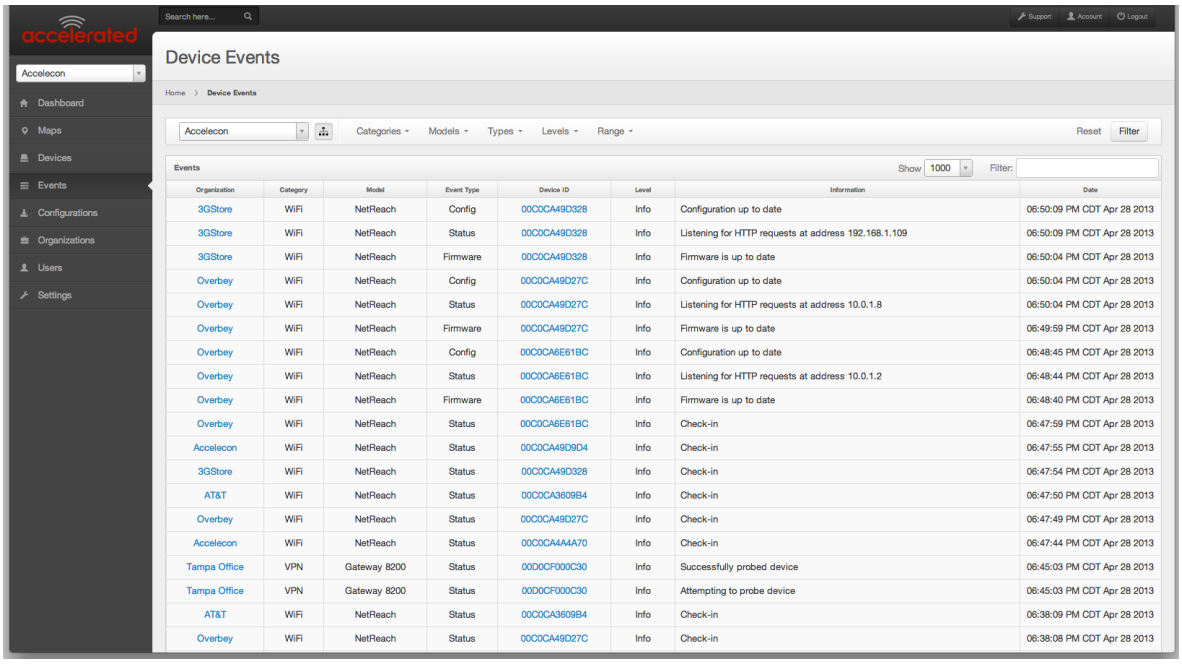
Events

The **Events** tab will bring up a real-time chronologically sorted table of device events for your current organization. Event management provides a set of alert conditions that are significant to the user. As the Event conditions are detected they are categorized and color-coded for easy recognition. Critical errors and alerts are coded **Red** while warnings and notices are **Orange**. All other device events are informational only and not coded.

The list can be filtered in a variety of different ways using the Filter Menu at the top of list. The highest level of filtering is by Organization, which is provided as a dropdown list with all organizations you have access to being displayed. You can also filter the list in the following ways:

Device Category – the available options are VPN Gateway, Cellular, and WiFi.
Device Models – you can select all the models of device you wish to see.
Event Type – the type of events displayed can be filtered.
Event Level – severity level of alert.
Range – amount of data to be included by time frame.


accelerated
Search here...
Support
Account
Logout
Accelecon
Dashboard
Maps
Devices
Events
Configurations
Organizations
Users
Settings
Device Events
Home › Device Events
Accelecon
Categories
Models
Types
Levels
Range
Reset
Filter
Events
Show 1000
Filter:
Organization | Category | Model | Event Type | Device ID | Level | Information | Date
3GStore | WiFi | NetReach | Config | 00C0CA49D328 | Info | Configuration up to date | 06:50:09 PM CDT Apr 28 2013
3GStore | WiFi | NetReach | Status | 00C0CA49D328 | Info | Listening for HTTP requests at address 192.168.1.109 | 06:50:09 PM CDT Apr 28 2013
3GStore | WiFi | NetReach | Firmware | 00C0CA49D328 | Info | Firmware is up to date | 06:50:04 PM CDT Apr 28 2013
Overbey | WiFi | NetReach | Config | 00C0CA49D27C | Info | Configuration up to date | 06:50:04 PM CDT Apr 28 2013
Overbey | WiFi | NetReach | Status | 00C0CA49D27C | Info | Listening for HTTP requests at address 10.0.1.8 | 06:50:04 PM CDT Apr 28 2013
Overbey | WiFi | NetReach | Firmware | 00C0CA49D27C | Info | Firmware is up to date | 06:49:59 PM CDT Apr 28 2013
Overbey | WiFi | NetReach | Config | 00C0CA6E61BC | Info | Configuration up to date | 06:48:45 PM CDT Apr 28 2013
Overbey | WiFi | NetReach | Status | 00C0CA6E61BC | Info | Listening for HTTP requests at address 10.0.1.2 | 06:48:44 PM CDT Apr 28 2013
Overbey | WiFi | NetReach | Firmware | 00C0CA6E61BC | Info | Firmware is up to date | 06:48:40 PM CDT Apr 28 2013
Overbey | WiFi | NetReach | Status | 00C0CA6E61BC | Info | Check-in | 06:47:59 PM CDT Apr 28 2013
Accelecon | WiFi | NetReach | Status | 00C0CA49D9D4 | Info | Check-in | 06:47:55 PM CDT Apr 28 2013
3GStore | WiFi | NetReach | Status | 00C0CA49D328 | Info | Check-in | 06:47:54 PM CDT Apr 28 2013
AT&T | WiFi | NetReach | Status | 00C0CA3609B4 | Info | Check-in | 06:47:50 PM CDT Apr 28 2013
Overbey | WiFi | NetReach | Status | 00C0CA49D27C | Info | Check-in | 06:47:49 PM CDT Apr 28 2013
Accelecon | WiFi | NetReach | Status | 00C0CA4A4A70 | Info | Check-in | 06:47:44 PM CDT Apr 28 2013
Tampa Office | VPN | Gateway 8200 | Status | 00D0CF000C30 | Info | Successfully probed device | 06:45:03 PM CDT Apr 28 2013
Tampa Office | VPN | Gateway 8200 | Status | 00D0CF000C30 | Info | Attempting to probe device | 06:45:03 PM CDT Apr 28 2013
AT&T | WiFi | NetReach | Status | 00C0CA3609B4 | Info | Check-in | 06:38:09 PM CDT Apr 28 2013
Overbey | WiFi | NetReach | Status | 00C0CA49D27C | Info | Check-in | 06:38:08 PM CDT Apr 28 2013

All Events are listed with the following information:

- **Organization:** the group to which the device belongs. A device is assigned to an organization when it is entered into the portal. In most cases the organization will be the company or one of its subset organizations. This field is selectable and will filter out records not belonging to the selected Organization.

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- **Event Type:** this is the device state that is generating the event being displayed. There are currently seven different states that a device can be in.
    1. **Status** – device is reporting its current operational status.
    2. **Configuration** – device or remote operation has initiated a configuration change or information request.
    3. **Firmware** – a firmware action has been initiated or the device determined there was a conflict.
    4. **Reboot** – the device has restarted.
    5. **DHCP** – the device is reporting a change in its DHCP configuration.
    6. **Tunnel** – VPN tunnel status.
    7. **Remote** – a command has been received from the portal and an action initiated.

- **Model:** the model of device generating the event. A list of all current supported devices is defined in **Appendix A**.

- **Device ID:** this is the MAC address of the device generating the event. The Device ID field is selectable. Once selected you will be taken to the Device record for this MAC address. The Device record is described later in this guide but includes device, configuration, and site information.

- **Level:** the severity level of the event being displayed. Accelerated View™ supports six of the severity levels defined by RFC5424. The six levels of events are:
    1. **Alert -** Should be corrected immediately, therefore the appropriate action or support notification should be initiated to fix the problem.
    2. **Error -** Non-urgent failures, these should be relayed to developers or admins; each item must be resolved within a given time.
    3. **Warning -** Warning messages, not an error, but indication that an error will occur if action is not taken. This message indicates an item that must be resolved within a given time.
    4. **Notice -** Events that are unusual but not error conditions. No immediate action required.
    5. **Info -** Normal operational messages – used for reporting, measuring throughput, etc. - no action required.
    6. **Debug -** Info useful to developers for debugging the application, not useful during operations.

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- **Information:** the data that the device wants to transmit to the portal. These messages can be simple text messages or complete hardware status displays. The information field is selectable. Once you select on a piece of information you will be taken to a detailed description of what has occurred.

- **Date:** the date that an event occurred and time that the event occurred. The time is displayed in the time zone of the user.

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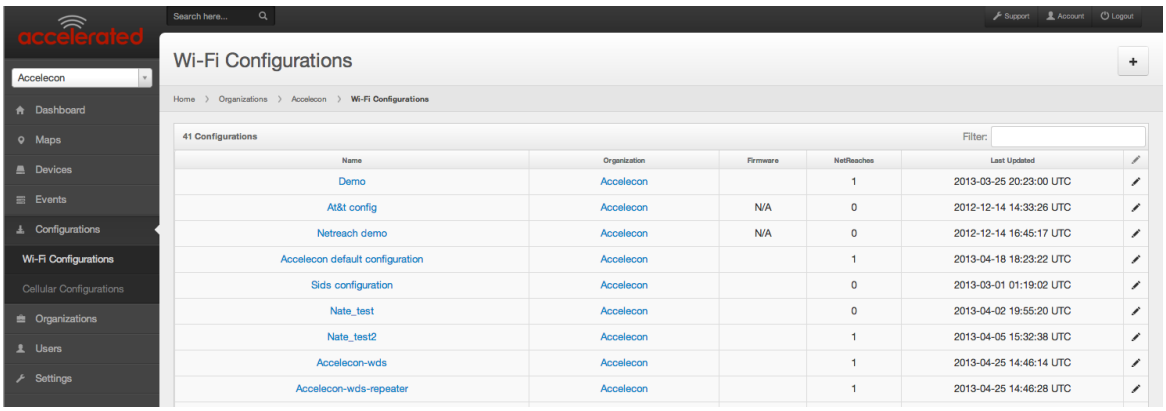
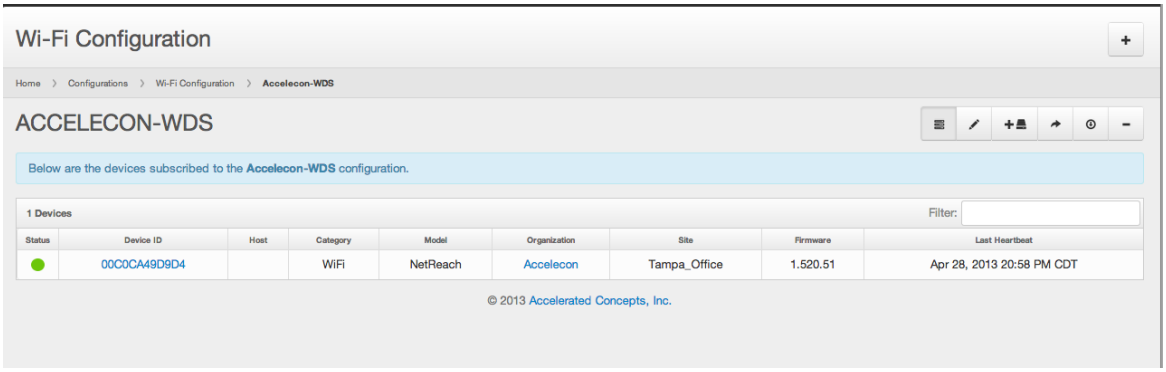
Configurations

The **Configurations** panel allows you to display the currently available device configurations managed by your organization. The drop-down sub-menu also allows for the selection of only a certain category of configurations (Wi-Fi, Cellular).


accelerated
Search here...
Support
Account
Logout
Accelecon
Dashboard
Maps
Devices
Events
Configurations
Wi-Fi Configurations
Cellular Configurations
Organizations
Users
Settings
Wi-Fi Configurations
Home › Organizations › Accelecon › Wi-Fi Configurations
41 Configurations
Filter:
Name | Organization | Firmware | NetReaches | Last Updated
Demo | Accelecon | | 1 | 2013-03-25 20:23:00 UTC
At&t config | Accelecon | N/A | 0 | 2012-12-14 14:33:26 UTC
Netreach demo | Accelecon | N/A | 0 | 2012-12-14 16:45:17 UTC
Accelecon default configuration | Accelecon | | 1 | 2013-04-18 18:23:22 UTC
Sids configuration | Accelecon | | 0 | 2013-03-01 01:19:02 UTC
Nate_test | Accelecon | | 0 | 2013-04-02 19:55:20 UTC
Nate_test2 | Accelecon | | 1 | 2013-04-05 15:32:38 UTC
Accelecon-wds | Accelecon | | 1 | 2013-04-25 14:46:14 UTC
Accelecon-wds-repeater | Accelecon | | 1 | 2013-04-25 14:46:28 UTC

Once the configurations are displayed you can edit any configuration by selecting the pen icon on the right of the line. You can also see all devices controlled by a configuration by selecting the configuration name (below).


Wi-Fi Configuration
Home › Configurations › Wi-Fi Configuration › Accelecon-WDS
ACCELECON-WDS
Below are the devices subscribed to the Accelecon-WDS configuration.
1 Devices
Filter:
Status | Device ID | Host | Category | Model | Organization | Site | Firmware | Last Heartbeat
00C0CA49D9D4 | | WiFi | NetReach | Accelecon | Tampa_Office | 1.520.51 | Apr 28, 2013 20:58 PM CDT
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To add a new configuration, select the plus sign **(+)** at the top right of the panel. This will take you to the **add new configuration** panel. The panels to add/modify a configuration are described later in this guide.

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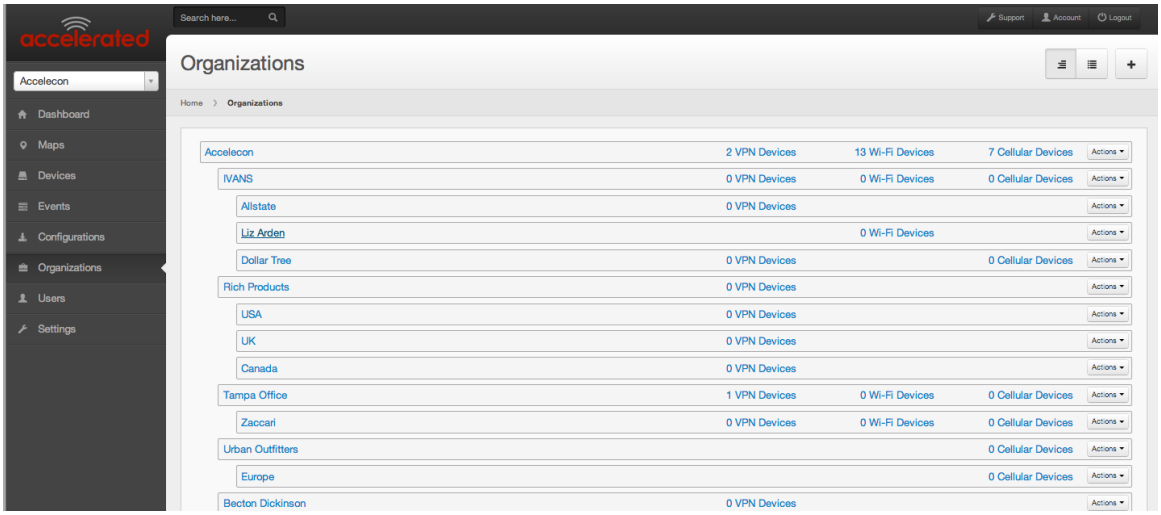
Organizations

The **Organizations** panel allows you to display all organizations under your scope of control. An organization is simply a way that is used to associate devices, configurations, users, and other (child) organizations. All organizations are hierarchical and will be displayed that way when selecting the default view.



To manage or create organizations please refer to the **Creating a New Organization** section later in this guide.

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Users

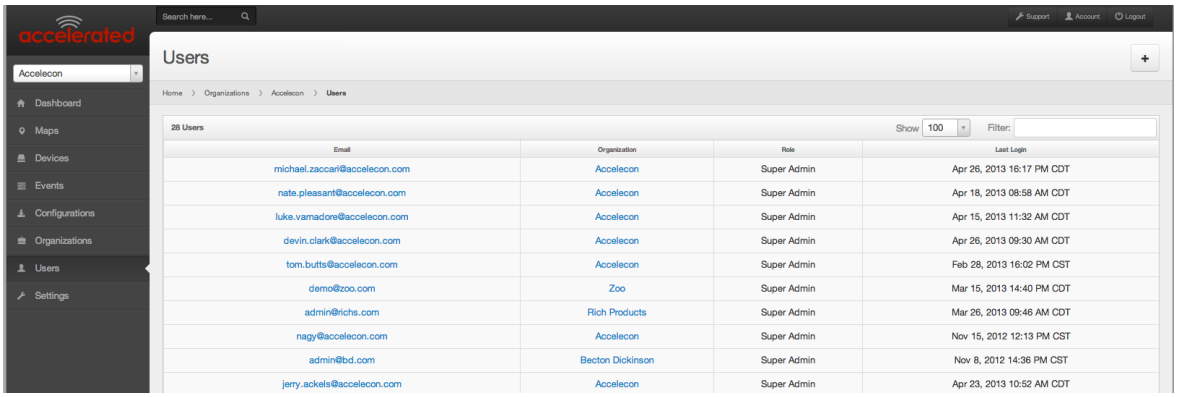
The **Users** panel displays all user accounts under the current organization and its child organizations. Authorized users can modify any existing user or create a totally new one.

Adding and Editing Users

The administrators of an organization's account have the ability to create or update authorized users. All created users are designated as either

- **View -** Can only view devices.
- **Report -** Can export device reports.
- **Manage -** Can manage (create/edit/delete) devices and users.
- **Admin –** Can manage devices and organizations.
- **Super Admin –** Can manage Devices, users, and configurations.

To navigate to the **Users** page, Click on **Users** in the left menu. This will take you to the user list page, which will display all currently registered users for your organization.



To update an existing user, click on that users e-mail ID. This will take you to the update page where changes can be made. Once you have made your updates click on **Save Settings** to complete the update.

If you wish to delete an existing user simply click on the **RED** minus sign **(-)** icon. This will totally remove that user from the system. You will have to recreate the ID if you wish to restore it.

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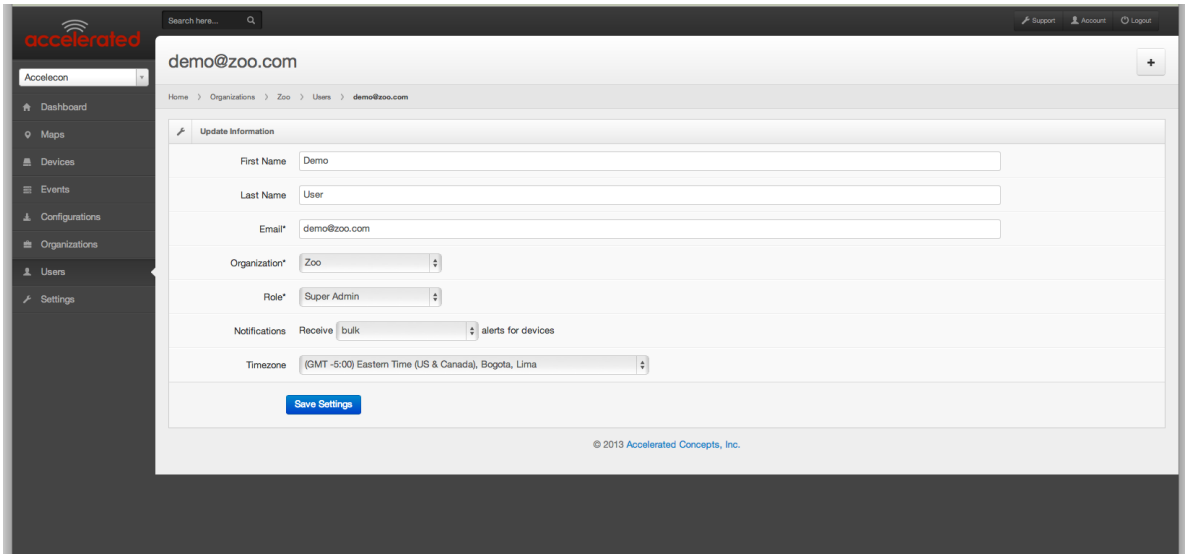
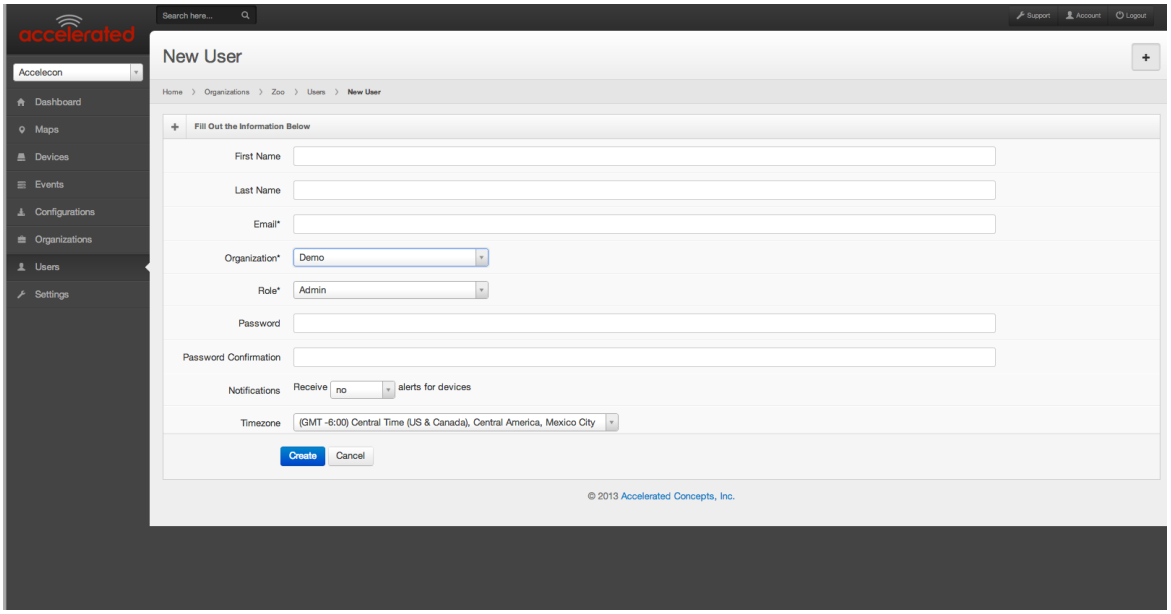
Change User Screen



If you wish to add a new user, click on the plus sign **(+)** to navigate to the **Add User** screen.

Add User Screen



This panel lets you specify all the required information to add the new user. The required fields are the e-mail address, organization, and password. The level of authority of the user should also be set. The default is Admin which allows for configuration, device, and user creation.

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You can also specify whether this user should receive alerts via e-mail when a device reports an error.

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User Roles and Privileges

Each role has an assigned set of privileges. There are five roles and ten different privileges. The Super Admin has all privileges. The list below shows the highest privilege for each role. Each role inherits the privileges from the previous roles in the list.

- **View**
  - ✓ Can only view devices
- **Report**
  - ✓ Can export device reports
- **Manage**
  - ✓ Can move devices between organizations
  - ✓ Can create, edit, and delete users
  - ✓ Can view organizations
  - ✓ Can edit and delete devices
- **Admin**
  - ✓ Can admin current organization
  - ✓ Can create, edit, and delete organizations
  - ✓ Can view and assign device configurations
- **Super Administrator**
  - ✓ Can create, edit, and delete device configurations

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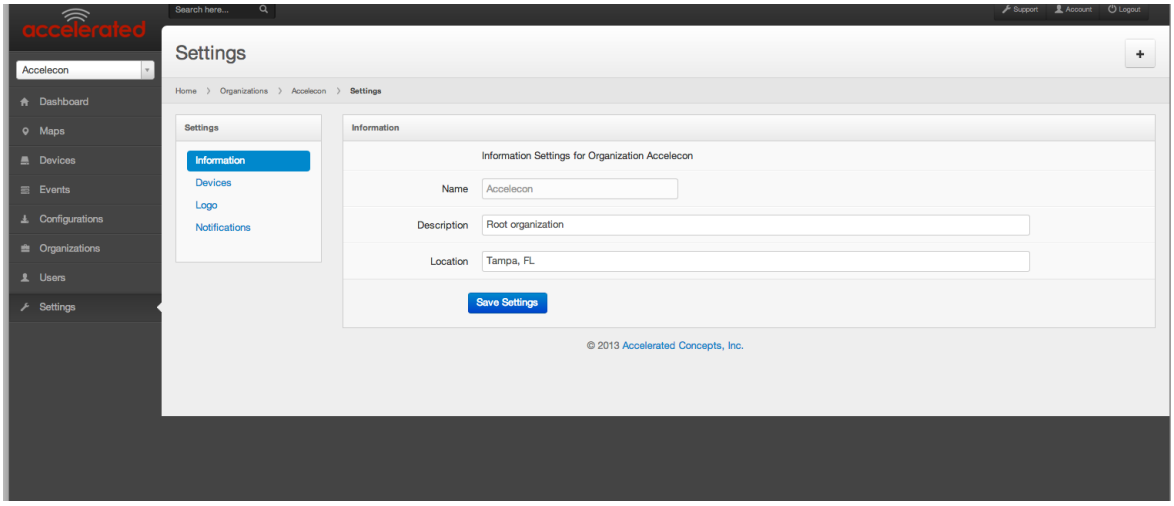
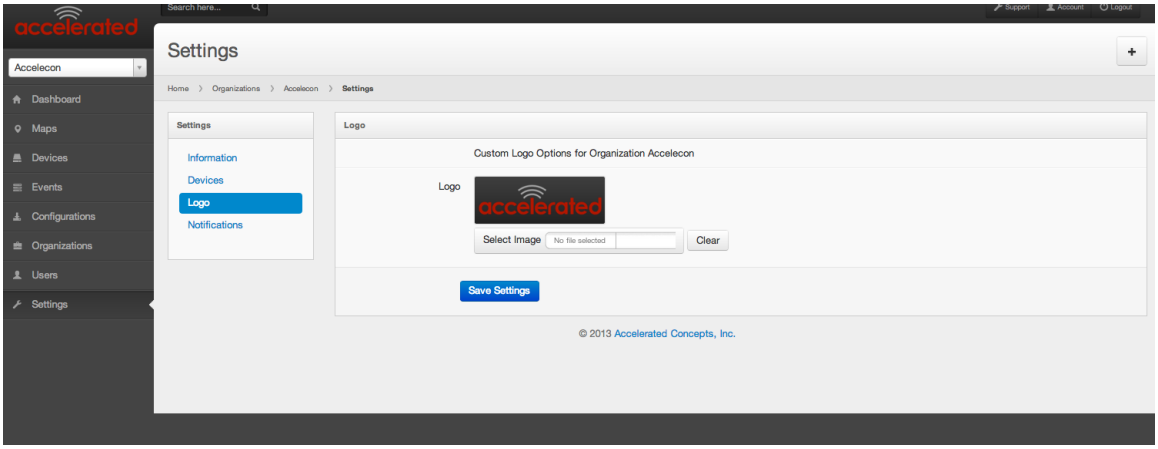
Settings

The **Settings** panel is used to customize the parameters for the current organization and any of its child organizations. You can change the information about the organization, the types of devices it can manage, and add a custom logo that can be displayed in the top left corner of the panels.

The **Settings** panel has a series of sub-panels that can be selected on the left of the window. The initial panel will be the Information panel for describing the organization.



The **Logo** sub-panel lets you upload a custom graphic that will be displayed in the top left of all panels. The graphic should be 180 x 60 pixels and can be in any web supported format (.png, .jpg, etc.).



When you have completed your changes click on **Save Settings** to update the entry.

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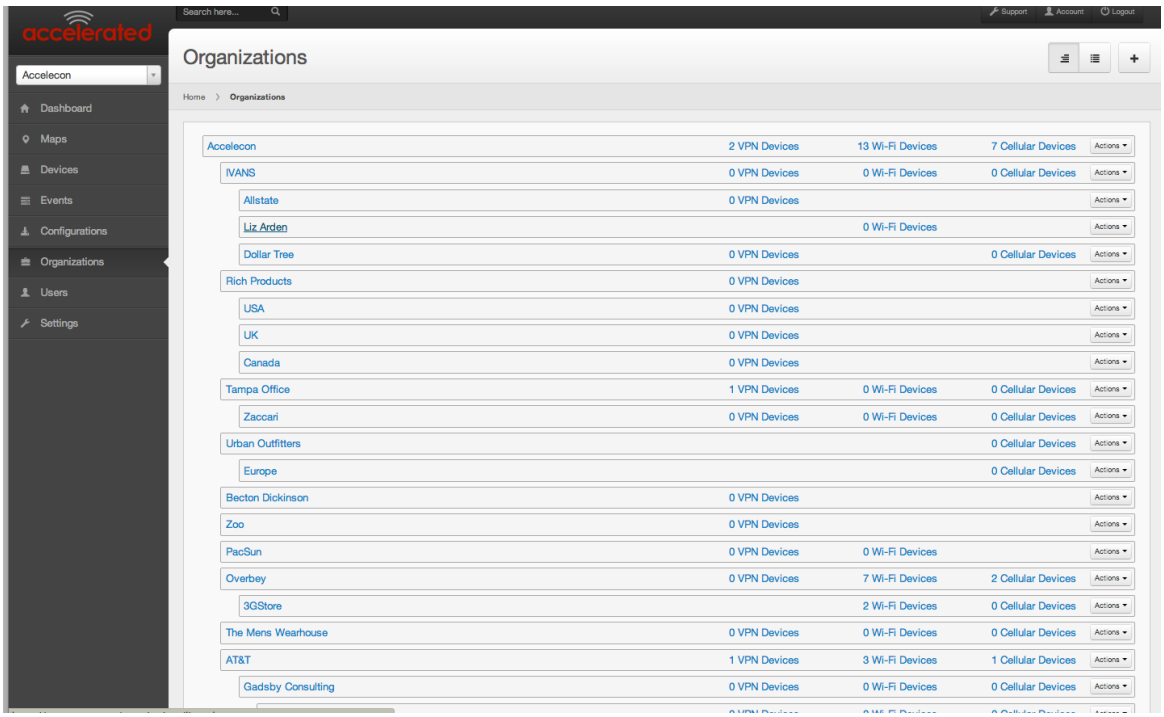
Defining Organizations

In order to begin adding devices to Accelerated View™ you need to define to whom the devices belong. The portal makes extensive use of a structure called the Organization. An organization is simply a way that is used to associate devices, configurations, users, and other (child) organizations. All organizations are hierarchical and will be displayed that way when selecting the default view.

Default Hierarchical View:


accelerated
Search here...
Support
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Logout
Accelecon
Dashboard
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Devices
Events
Configurations
Organizations
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Settings
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Home
Organizations
Accelecon 2 VPN Devices 13 Wi-Fi Devices 7 Cellular Devices
IVANS 0 VPN Devices 0 Wi-Fi Devices 0 Cellular Devices
Allstate 0 VPN Devices
Liz Arden 0 Wi-Fi Devices
Dollar Tree 0 VPN Devices 0 Cellular Devices
Rich Products 0 VPN Devices
USA 0 VPN Devices
UK 0 VPN Devices
Canada 0 VPN Devices
Tampa Office 1 VPN Devices 0 Wi-Fi Devices 0 Cellular Devices
Zaccari 0 VPN Devices 0 Wi-Fi Devices 0 Cellular Devices
Urban Outfitters 0 Cellular Devices
Europe 0 Cellular Devices
Becton Dickinson 0 VPN Devices
Zoo 0 VPN Devices
PacSun 0 VPN Devices 0 Wi-Fi Devices
Overbey 0 VPN Devices 7 Wi-Fi Devices 2 Cellular Devices
3GStore 2 Wi-Fi Devices 0 Cellular Devices
The Mens Wearhouse 0 VPN Devices 0 Wi-Fi Devices 0 Cellular Devices
AT&T 1 VPN Devices 3 Wi-Fi Devices 1 Cellular Devices
Gadsby Consulting 0 VPN Devices 0 Wi-Fi Devices 0 Cellular Devices
Actions

The hierarchical view will show all organizations and sub-organizations that belong to the current user. Each line contains the organization name along with the number of devices, by class, that are being managed.

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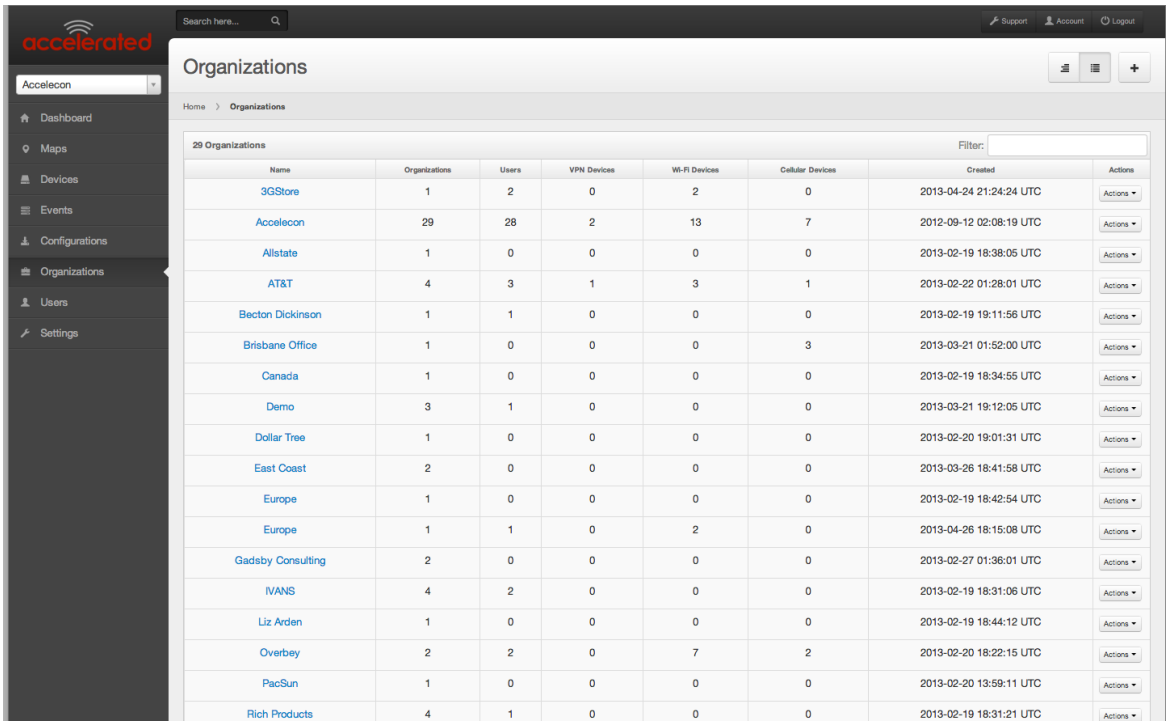
The **define organization** screen also allows you to list all your organizations in an alphabetical list view. This can be done by clicking on the Alphabetical List icon on the right of the screen to the left the plus **(+)** sign.

Alphabetical List View: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Search here...
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Name
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VPN Devices
Wi-Fi Devices
Cellular Devices
Created
Actions
3GStore 1 2 0 2 0 2013-04-24 21:24:24 UTC
Accelecon 29 28 2 13 7 2012-09-12 02:08:19 UTC
Allstate 1 0 0 0 0 2013-02-19 18:38:05 UTC
AT&T 4 3 1 3 1 2013-02-22 01:28:01 UTC
Becton Dickinson 1 1 0 0 0 2013-02-19 19:11:56 UTC
Brisbane Office 1 0 0 0 3 2013-03-21 01:52:00 UTC
Canada 1 0 0 0 0 2013-02-19 18:34:55 UTC
Demo 3 1 0 0 0 2013-03-21 19:12:05 UTC
Dollar Tree 1 0 0 0 0 2013-02-20 19:01:31 UTC
East Coast 2 0 0 0 0 2013-03-26 18:41:58 UTC
Europe 1 0 0 0 0 2013-02-19 18:42:54 UTC
Europe 1 1 0 2 0 2013-04-26 18:15:08 UTC
Gadsby Consulting 2 0 0 0 0 2013-02-27 01:36:01 UTC
IVANS 4 2 0 0 0 2013-02-19 18:31:06 UTC
Liz Arden 1 0 0 0 0 2013-02-19 18:44:12 UTC
Overbey 2 2 0 7 2 2013-02-20 18:22:15 UTC
PacSun 1 0 0 0 0 2013-02-20 13:59:11 UTC
Rich Products 4 1 0 0 0 2013-02-19 18:31:21 UTC
Actions

Each line also has an **Actions** drop-down that allows you to edit the organization settings, add new users, add new sub-organizations, and add new devices.

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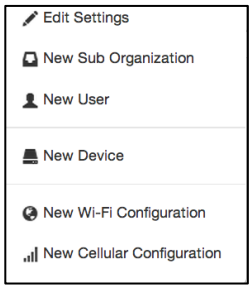
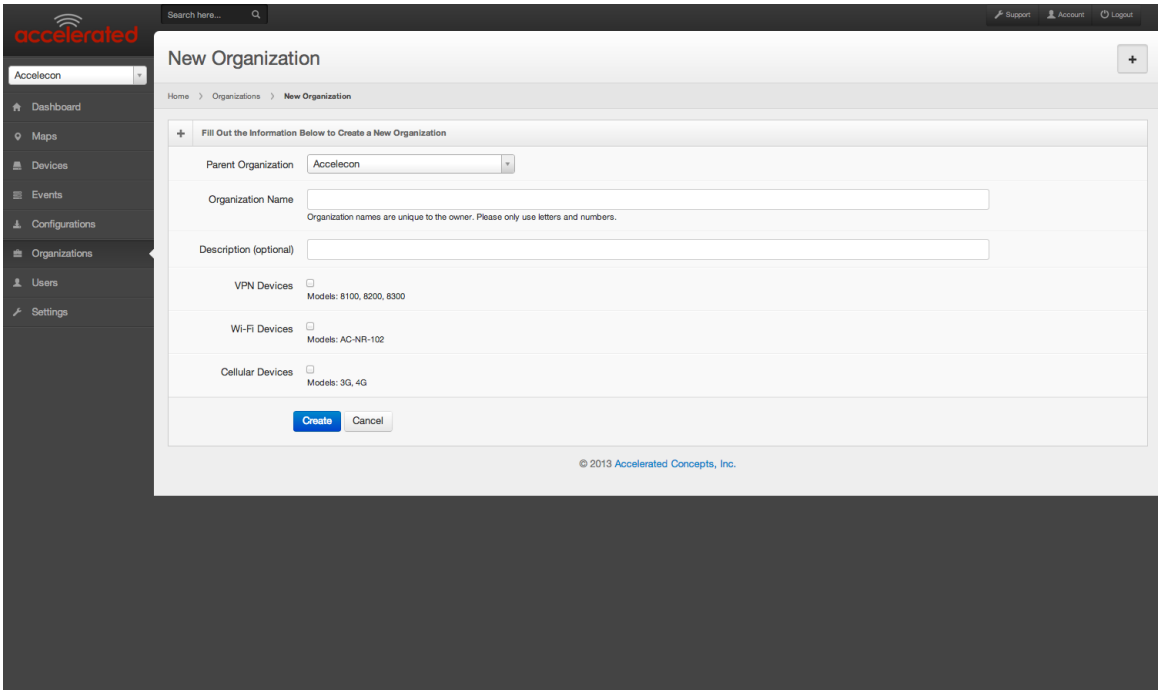
Creating a New Organization

To create a new organization, navigate to the **Organization** page and click on the plus symbol **(+)** in the top right corner. You can also add a new organization by clicking on the drop-down **Action** box of the right hand side of an organization's row.



On this page, specify the parent organization, what device types it is allowed to contain, the new organization's name, and an optional description.



The first thing that you must select is the parent organization for the one being created. If you select **Parent Organization**, a drop down menu will show you all of the organizations available under the scope of your Userid. Select the parent for the new organization.

The new organization can then be given a descriptive name that will make it easy to understand. You can also add an optional description for the new organization.

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Next specify which types of devices will be allowed for this organization. The current available options are:

- **AT&T VPN Gateway – the devices that fall into this category are:**
  - ✓ AT&T 8100
  - ✓ AT&T 8200
- **Accelerated Concepts NetReaches (Wi-Fi Extenders)**
- **Accelerated Concepts NetBridges (Cellular Optimizer) – the devices that fall into this category are:**
  - ✓ NetBridge 3G
  - ✓ NetBridge 4G
  - ✓ 6300-DX

When you have entered all the fields required select **Create** to generate the new organization.

Details of an Organization

What is displayed in the newly created organization depends on the logged in user's role. For instance a regular user can only see devices and configurations contained in their organization, while an admin can see all child organizations of the parent organization.

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Working with Devices

Adding Devices

Select the type of device you wish to add from the tab on the left side of the screen. This will bring up the device display for the current organization. Devices can be listed in the table according to their status and organization. You can modify the way in which the list is viewed by using the buttons above the device table. The display options available are:

- All Devices
- Deployed Devices
- Not Deployed Devices
- Decommissioned Devices
- Devices in Alert Status

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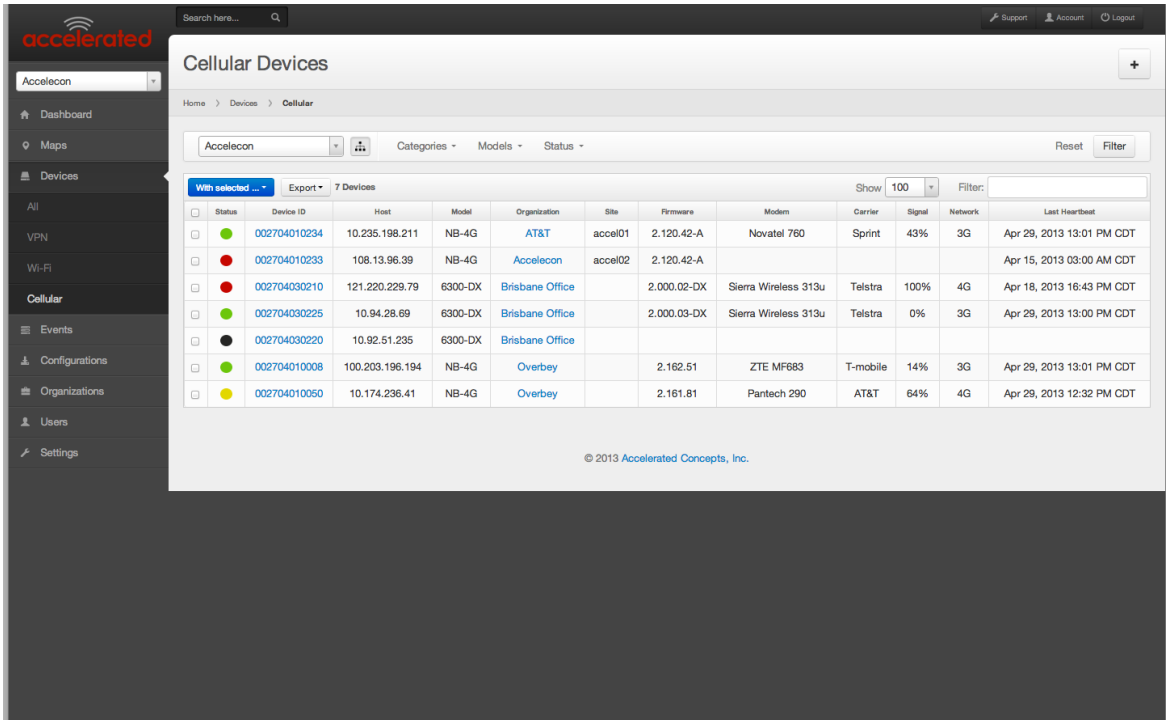
Single devices can be added one at a time or moved from one organization to another. Multiple devices can be added by importing a spreadsheet. To add a single device, navigate to the device page and then click on the plus symbol **(+)** at the top right corner.


accelerated
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Cellular Devices
Accelecon
Dashboard
Maps
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All
VPN
Wi-Fi
Cellular
Events
Configurations
Organizations
Users
Settings
Home › Devices › Cellular
Categories
Models
Status
Reset
Filter
With selected ...
Export
7 Devices
Show 100
Filter:
Status | Device ID | Host | Model | Organization | Site | Firmware | Modem | Carrier | Signal | Network | Last Heartbeat
002704010234 | 10.235.198.211 | NB-4G | AT&T | accel01 | 2.120.42-A | Novatel 760 | Sprint | 43% | 3G | Apr 29, 2013 13:01 PM CDT
002704010233 | 108.13.96.39 | NB-4G | Accelecon | accel02 | 2.120.42-A | | | | | Apr 15, 2013 03:00 AM CDT
002704030210 | 121.220.229.79 | 6300-DX | Brisbane Office | | 2.000.02-DX | Sierra Wireless 313u | Telstra | 100% | 4G | Apr 18, 2013 16:43 PM CDT
002704030225 | 10.94.28.69 | 6300-DX | Brisbane Office | | 2.000.03-DX | Sierra Wireless 313u | Telstra | 0% | 3G | Apr 29, 2013 13:00 PM CDT
002704030220 | 10.92.51.235 | 6300-DX | Brisbane Office
002704010008 | 100.203.196.194 | NB-4G | Overbey | | 2.162.51 | ZTE MF683 | T-mobile | 14% | 3G | Apr 29, 2013 13:01 PM CDT
002704010050 | 10.174.236.41 | NB-4G | Overbey | | 2.161.81 | Pantech 290 | AT&T | 64% | 4G | Apr 29, 2013 12:32 PM CDT
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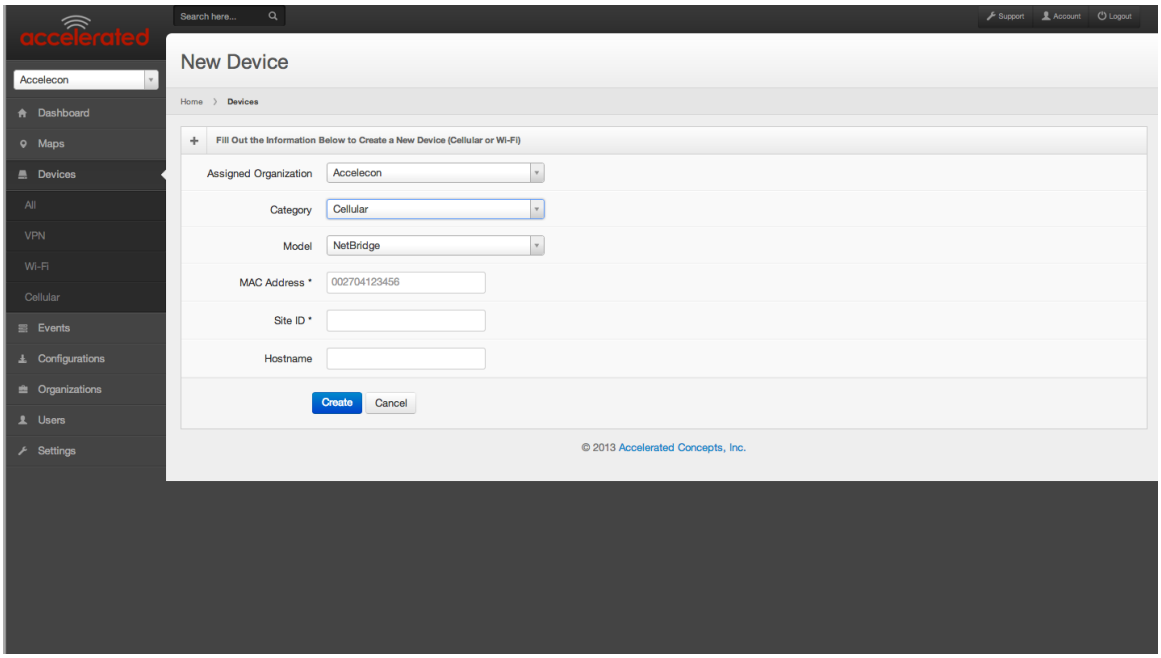
When you select the Add New Device icon **(+)** you will be taken to the new device configuration page.



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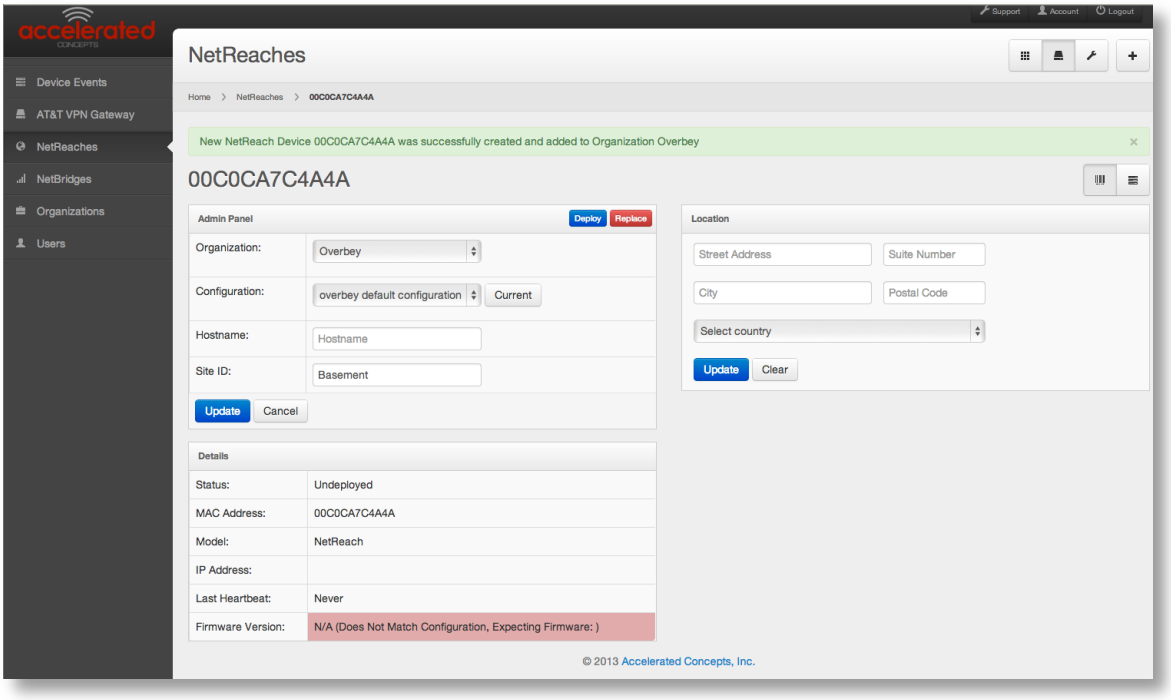
This page is used to set which organization the new device will belong to, and enter the device's MAC address. Select the organization that you wish the device to belong to from the drop down list (Assigned Organization).

Select the category of device being added. For a new NetBridge this will be **Cellular**. Then select the model of your NetBridge (NB-3G or NB-4G). If you select a **Wi-Fi** category you will be shown the available devices for that category.

Enter the twelve (12) digits of the MAC address in the Mac Address field. Assign a Site ID for the location where the device is installed. Click on **Create** to generate a new device.

Once the new device has been validated and created, you will be taken to the device definition screen to finish the configuration.



To complete the creation of the new device you can change the default configuration that was assigned by the organization. Clicking the **Configuration** drop down and selecting a different configuration file accomplishes this.

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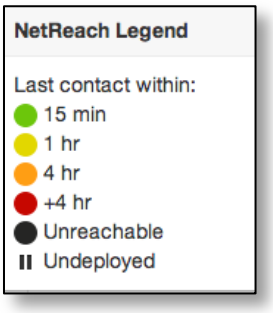
You also have the ability to associate a Hostname with the new device along with the Site ID. Accelerated View™ also provides for manually entering the location of the device (location can be updated by the system for AT&T VPN Gateways). To enter the device's location you must fill in the address in the location section of the screen. Once entered, press **Update** to complete the entry. A map of the location and the new device will automatically be displayed. The device marker on the map will indicate the status of the device and when it was last contacted.



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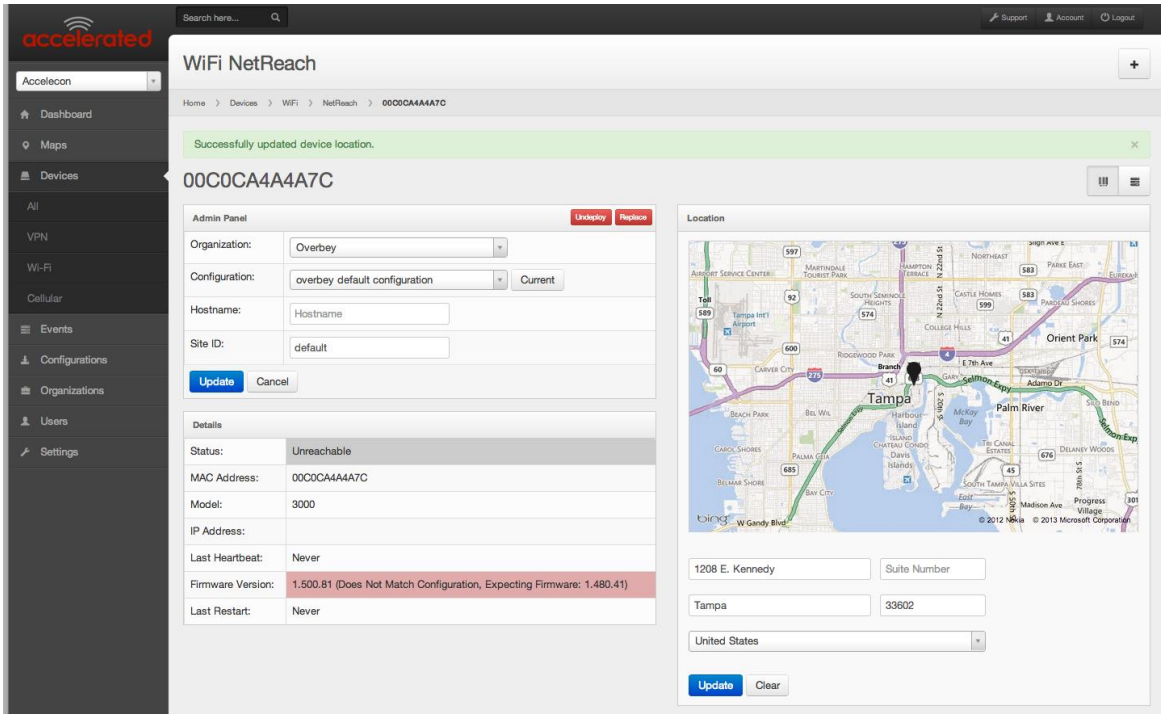
Replacing Devices

To replace a device, select the device ID of the device you wish to replace from the **Device** (AT&T VPN Gateway, NetReach, and NetBridge Devices) page. This will bring up the device information field. Once that page is displayed, the red replace button is in the center of the page, to the right of the Deploy/Un-Deploy button.

Click on the **Replace** button and fill in the new replacement device information just as if you were creating a new entry. The new device will be added to the portal in replacement of the current device. All settings, information, and configurations will be copied over to the new device. The old device will be placed in the un-deployed section of the device list.

Device Information Page



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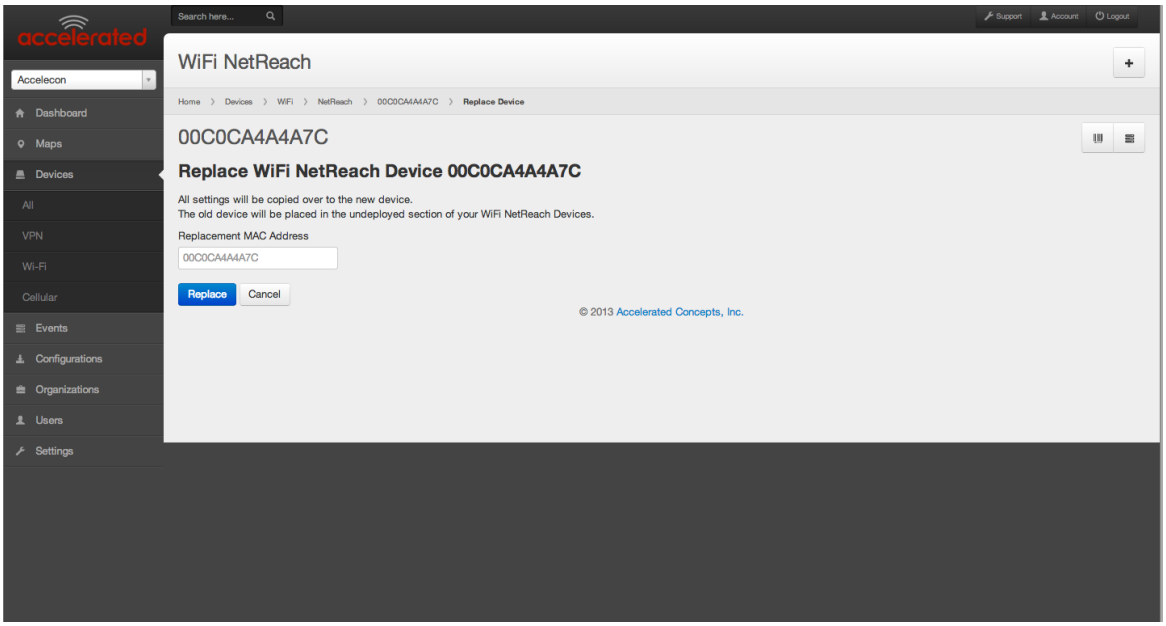
Device Replacement Page



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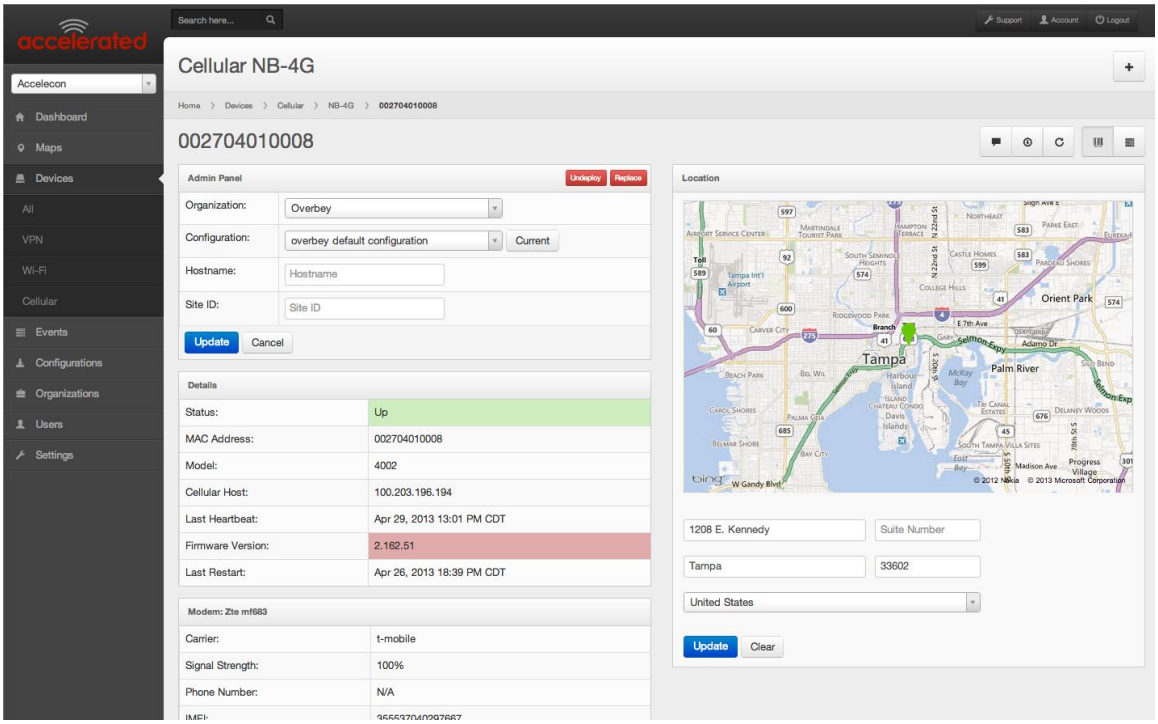
Device Detail Display

Clicking on the Device ID on the **Device Events** screen or any specific device screen can bring up the Device Detail Display. The detail display contains all the information available about a device, including its current operating state.

The first section is the **Admin Panel** that contains the device's organization and configuration information. If your Userid has administrative authority each of these fields can be changed. Simply change the field that you want modified and click **Update**.

On the right hand side of the panel is the location information for the device. If available, the page will have the physical address of the device and a map showing its location. The current state of the device will be shown in the appropriate color (see Adding Devices).



Below the Administrative section of the display is the current detail status of the device. The information displayed will vary be device, but will contain the following as a minimum.

- Device Status
- Device Model
- MAC Address
- Last Heartbeat Time/Date

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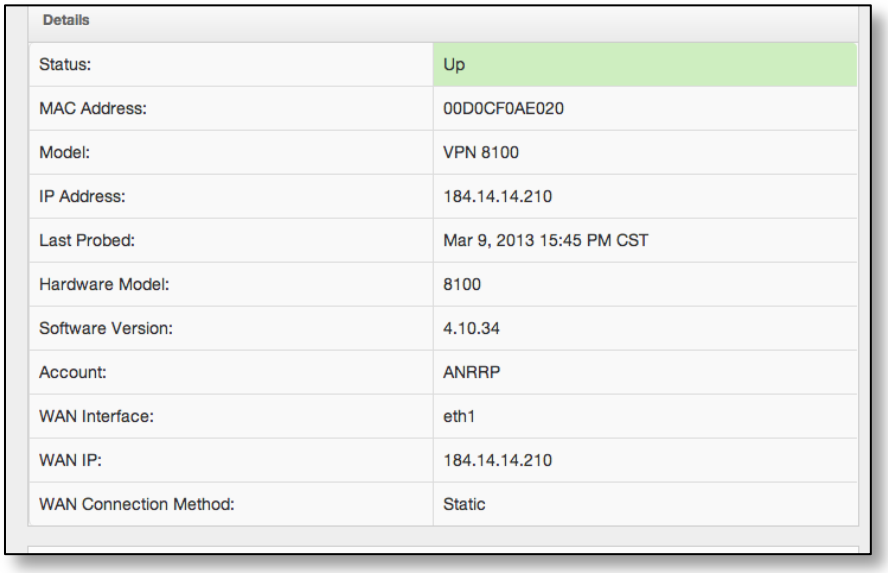
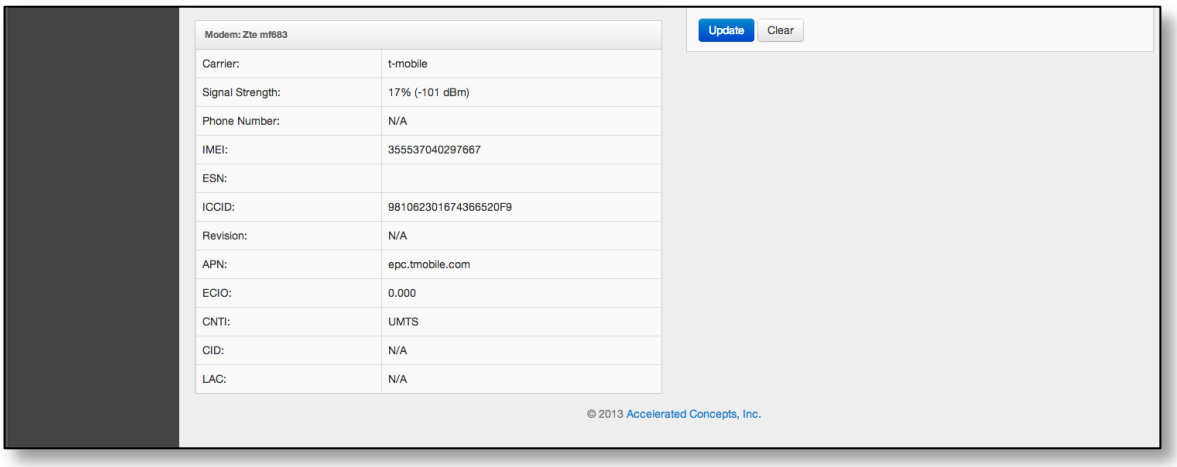
The remaining information can be extensive such as provided by an AT&T VPN Gateway (shown below), or minimal such as an Accelerated Concepts NetReach.



The bottom panel of the display's data is very specific to the device. Information about the contents of a field and it's meaning can be found in the appropriate device manual. The panel below is from an Accelerated Concepts NetBridge 4G.



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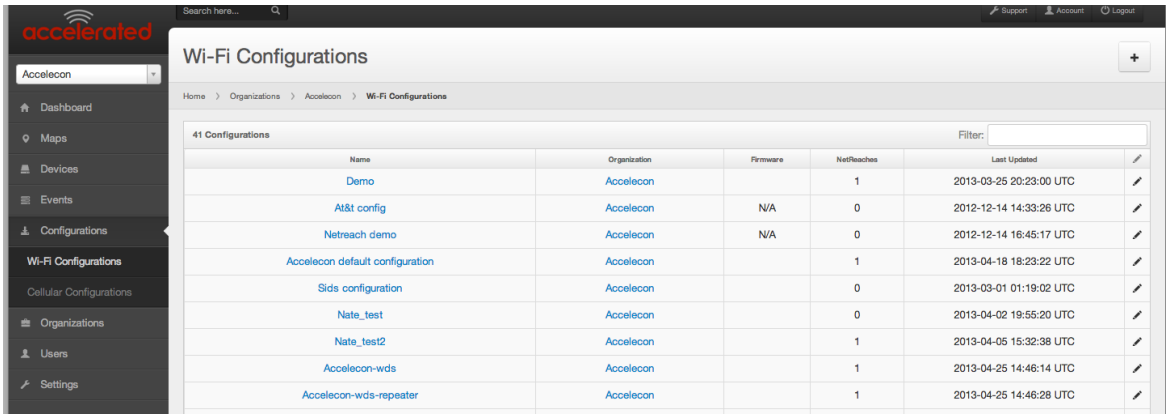
Adding Device Configurations

New Device Configuration

Device configurations contain all the settings such as security settings and SSIDs and are a member of an organization. To add a configuration, navigate to the **Configurations** page using the main menu. Select the type of configuration you wish to add from the sub-menu. This will display all configurations that are members of the current organization.



To refine the results you can filter by organization (via drop-down), or search. The plus icon **(+)** at the top right corner now functions to add a new configuration. Click the plus icon to be presented with forms for entering device settings as a configuration. On the configuration page you will see all the parameters that can be set for the selected device type. For a detailed description of all the parameters supported by a device please refer to that device's User Guide.

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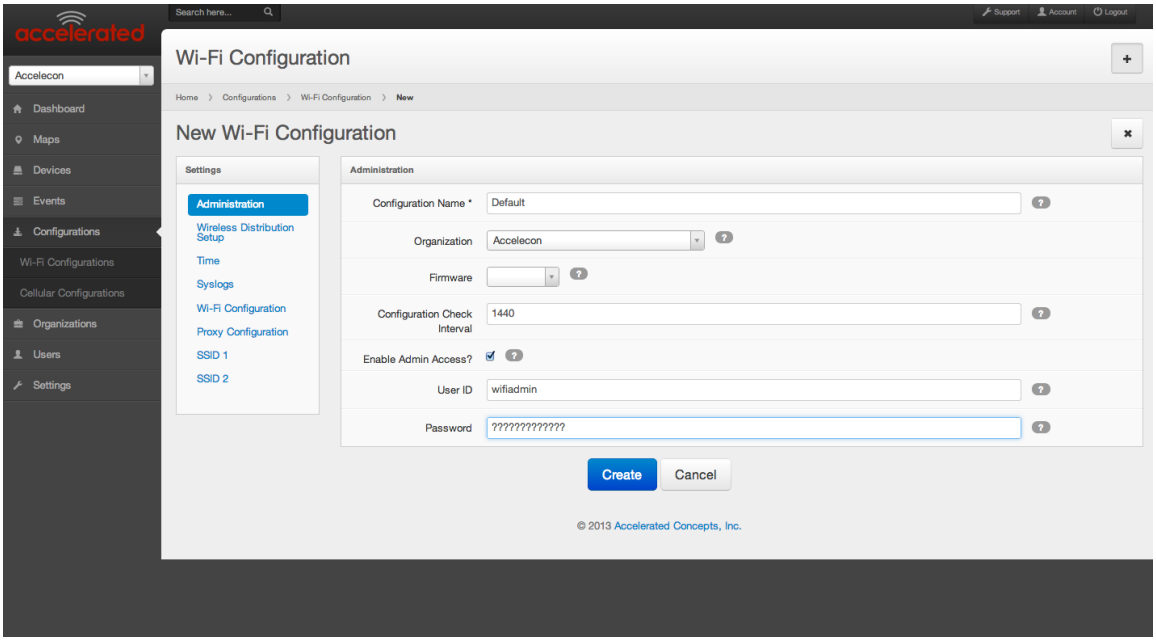
Fill in each one that applies to your specific situation. Click **Create** at the bottom to save the new or updated configuration.



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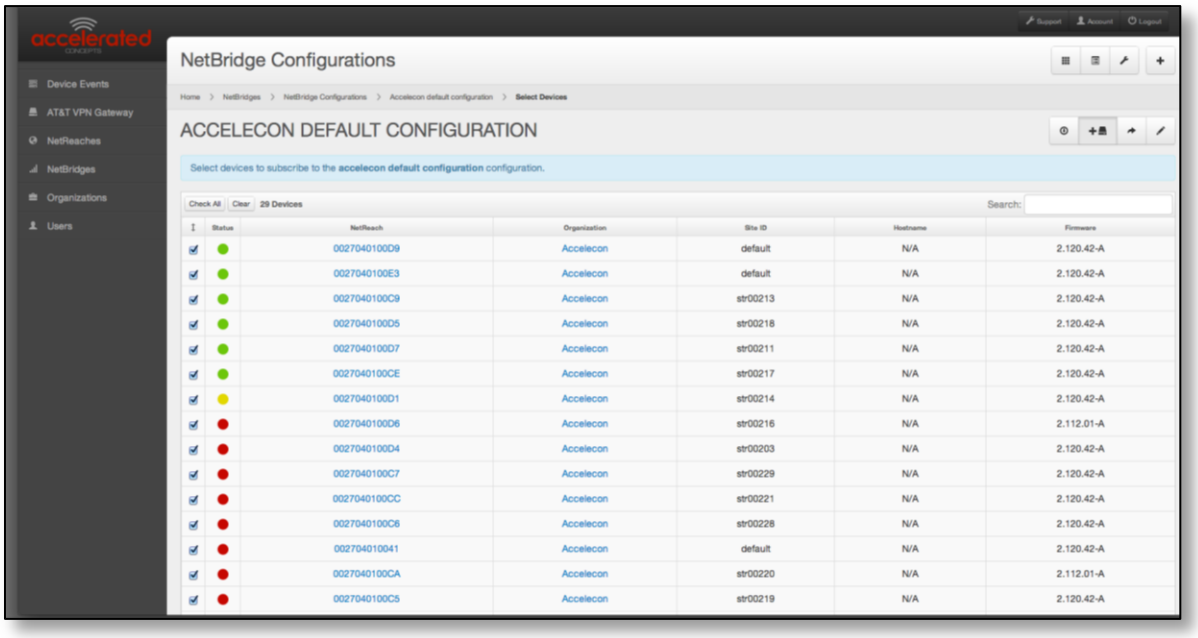
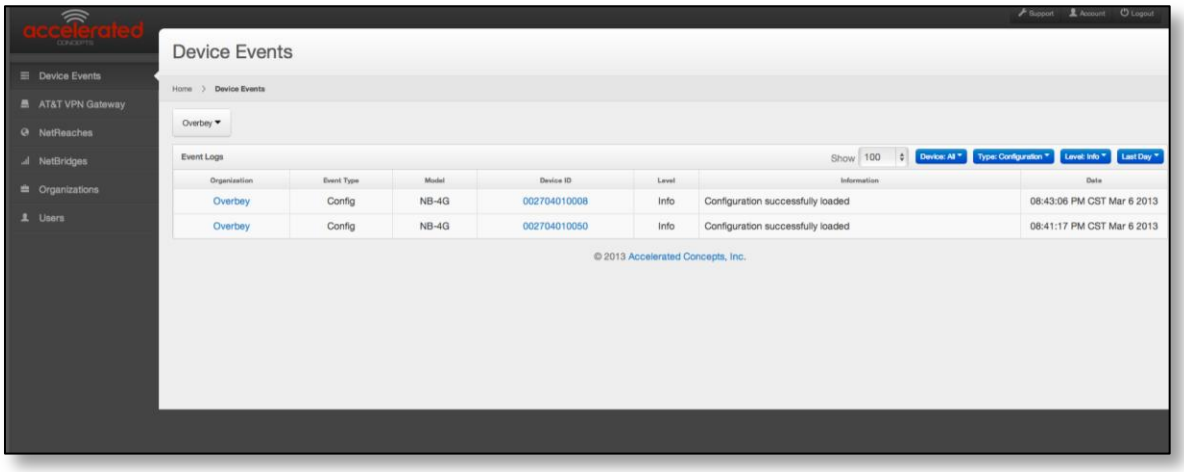
Add Devices to a Configuration

Once the configuration has been created, it can be applied to many devices at once by clicking on the configuration name, and then clicking the button that has both a plus sign **(+)** and a Device icon. After clicking that button, there will be a column of devices for choosing with check boxes, or select all with the **Check All** button. After you have selected the devices that you wish to add to this configuration click **Set Configurations** to save.



When a device is rebooted after a configuration update, the new configuration is displayed in the event log.



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Cloning Configurations

From the configurations screen, select a configuration. At the top right of the screen there is an icon labeled with a curved arrow **(↷)**. This is the clone button; press it and it will pre-populate the new configuration entry form from the selected configuration. Make any necessary changes and click **Create** at the bottom to save. This feature is useful if you have a number of devices with similar requirements but need to change a parameter for a specific device, location, etc.

Showing Configuration Update

If a device is rebooted after a configuration update, the new configuration is displayed in the event log.

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Support

To contact support, click the **Support** button at the top right corner and send a message from the pop up submission form. Please allow popups in your browser to use this feature.

Technical Support

If there are any problems installing any of our products and require technical assistance, please call or email our help desk.

- support@accelecon.com
- +1 (813) 699-0295
- Support hours are 9:00am to 5:00pm EST

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Appendix A

Supported devices:

- VPN8100
- VPN8200
- NB-3G
- NB-4G
- 6200-FX
- 6300-DX
- NetReach

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